

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-148490

(43)Date of publication of application : 27.05.1994

(51)Int.Cl.

G02B 7/00

G02B 26/10

(21)Application number : 04-302713

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(22)Date of filing : 12.11.1992

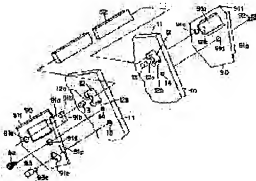
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(54) OPTICAL MEMBER HOLDING MECHANISM AND LIGHT BEAM SCANNING OPTICAL SYSTEM

(57)Abstract:

PURPOSE: To hold and adjust an optical member with a small number of parts.

CONSTITUTION: Holes 12 and 12 having small projections 12a and 12b are formed on the side plates 11 and 11 of a housing, and both end parts of a plane mirror 52 are movably fitted in the holes 12 and 12. Pressing plates 90 and 90 are fixed on the side plates 11 and 11 by fitting pins 13 and 13 in holes 91c and 91c and tightening screws 92 and 92. At this time, pressing pieces 91a and 91a press the back surface of the mirror 52 so as to hold the mirror 52. By turning an eccentric pin 93 in a slot 91e, the pressing plate 90 on this side somewhat turns with the pin 13 as fulcrum, and the mirror 52 turns with the small projections 12a and 12b as fulcrum as the plate 90 turns, thereby adjusting the tilt angle of the mirror 52.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]